

XVIII. *Extract of a Register of the Barometer, Thermometer, and Rain, at Lyndon, in Rutland, 1774. By Thomas Barker, Esquire. Communicated by Sir John Pringle, Bart. P. R. S.*

Redde, March 23, 1775.

		Barometer.			Thermometer.									Rain.
		Highest	Lowest	Mean.	In the House.			Abroad.						
					High.	Low.	Mean	High.	Low.	Mean				
Jan.	Morn. Aftern.	29,77	28,32	29,15	42 43	31½ 32	35 36	43 46	20 28	29 33½	3,308			
Feb.	Morn. Aftern.	30,05	28,49	29,25	46 46½	33½ 35	40 41	45 51½	22 29½	34½ 41	1,946			
Mar.	Morn. Aftern.	29,81	28,56	29,30	48½ 51	38 39	43 44½	44 57	28½ 35½	36 46	2,728			
Apr.	Morn. Aftern.	29,77	28,72	29,24	53 54½	44½ 45½	48 49	52½ 62½	32½ 37½	42 51	1,523			
May	Morn. Aftern.	29,67	28,76	29,35	55 56½	48 49	51½ 53	55½ 69½	40 45	46 57	3,142			
Jun	Morn. Aftern.	29,76	28,87	29,33	62 66	54 55½	59 60	61 73½	50 56	55 65½	2,483			
July	Morn. Aftern.	29,76	29,10	29,41	63½ 66½	57½ 58½	60 62	61 76½	52 61	56 66	3,227			
Aug.	Morn. Aftern.	29,80	28,80	29,38	68 70	58 60	61½ 63½	64 78½	47 59	55½ 67	3,910			
Sept.	Morn. Aftern.	29,74	28,70	29,28	65 68½	53 53½	56 57½	61 73	40 48½	49½ 59	8,000			
Oct.	Morn. Aftern.	30,06	28,92	29,64	56½ 57½	46 46	52 53½	51 64½	34 42	43½ 53	1,156			
Nov.	Morn. Aftern.	29,73	28,73	29,36	52½ 52½	35½ 36	43 44	49 55½	28 32	37 41	1,530			
Dec.	Morn. Aftern.	30,21	28,68	29,60	45½ 46	32 32½	39½ 40	44½ 47	20 25	33½ 38	2,280			
35,235														

Wettest Months from one to twelve.		
1	Sept.	8,000
2	Aug.—Sept.	11,910
3	July—Sept.	15,137
4	June—Sept.	17,620
5	May—Sept.	20,762
6	April—Sept.	22,285
7	Mar.—Sept.	25,013
8	Feb.—Sept.	26,959
9	Jan.—Sept.	30,267
10	Dec.—Sept.	33,164
11	Nov.—Sept.	36,769
12	Oct.—Sept.	39,390

The quantity of rain this year having exceeded any I ever had before, I have added here a new table of the wettest months from one to twelve to those I had before given. See vol. LXI. p. 226. In the seventeen months from May 1773 to September 1774 there fell 55,890 inches of rain, which is 3,288 inches each month; and in the three years 1772, 1773, and 1774, there came 93,258 inches; that is, 31,046 inches each year. The year began very severe with a sharp frost, which was not out of the ground for seven weeks together, though in the mean time there were several breaks, attended with great rains or snows and floods, and then freezing again. After the frost it was windy and wet for near a month, till above a week in March; the latter part of that month and all April were more fair, a good seed-time; and though with some frosty mornings, yet we had in general more mild weather than there has been in spring of late years. There was at times a good deal of fine weather in summer, yet mixed with a great deal of wet; it was a great grass year, and a cool summer. The hay-time and beginning of harvest were showery, yet more hindering than hurting; but the latter part of harvest in September was exceeding bad indeed. No grain could be carried for three weeks together; for it rained every day,

day, and in great quantities. I never measured so wet a month before. The wheat and oats were chiefly got in before it, and a great deal of barley; yet, as it was a late harvest, there was a great deal of the barley out, some wheat, and almost all the beans and pease. The wheat through the severe and wet winter was all along thin, and much of it mildewed by the wet towards harvest. The crop of barley was not amiss, if it could have been all well got; but some of it suffered by the wet after it was cut. The beans and pease were a remarkable great crop till harvest; but almost intirely spoiled in it. There was a great deal of winter meat for the cattle this year, plenty of good grass, a great deal of hay, and fine crops of turneps; but the straw of that corn, which was out in the wet, was spoiled. The weather settled just at the beginning of October, which was a very fine month, almost like summer; and it was not till then that the harvest could be finished. The wheat seed-time was good, and the rest of the year favourable upon the whole; though a frost at the end of November and beginning of December was earlier than usual, attended with snow, and threatened a severe winter in most parts of Europe; yet it grew mild again afterward, was in general fair, and the ground continued tolerably dry, and a few frosty days concluded the year.